

## LIGHT EQUIPMENT MECHANIC II

### Class Definition

Under supervision, maintains and repairs automotive equipment including City cars, pickups, and other vehicles and equipment.

### Distinguishing Characteristics

Light Equipment Mechanic II is the journey level class in the Light Equipment Mechanic series. Used in the Fleet Management Division of the Department of Administrative Services, incumbents diagnose and perform fully skilled maintenance and repair on automotive and light mechanical equipment. This class differs from Light Equipment Mechanic Leadworker in that the latter is the advanced working/lead level class in the series. It differs from Light Equipment Mechanic I in that the latter is an entry level class. This series differs from the Heavy Equipment Mechanic series in that the focus of the latter is on heavy equipment maintenance and repair. It differs from the Bus Mechanic series in that the focus of the latter is on the repair of buses and related transit equipment.

### Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Inspects, diagnoses, repairs, and maintains functional parts of automotive and related mechanical equipment.

Inspects defective equipment and diagnoses malfunctions using motor analyzers, pressure gauges, chassis charts and factory manuals.

Installs new ignition systems; repairs and replaces transmissions and other parts using hand and power tools.

Disassembles and overhauls internal combustion automotive engines, pumps, generators, transmissions, clutches and rear ends.

Reads job order and observes and listens to vehicle in operation to determine malfunction and to plan work procedures.

Maintains records of work performed and assists in the training of subordinates.

Repairs and maintains air, hydraulic and electric brake systems.

Responds to road calls to repair automotive and mechanical equipment.

Performs related duties as required.

*Knowledge, Abilities, and Skills*

Knowledge of the methods, materials, tools, and techniques used in the repair and maintenance of automotive equipment.

Knowledge of the operating principles of automotive engines and engine driven sub-systems.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to diagnose malfunctioning mechanical systems and related sub-systems.

Ability to adapt available tools and repair parts to specific repair problems.

Ability to interpret and work from sketches and diagrams.

Skill in the proper use of the tools and equipment used in automotive maintenance and repair.

*Minimum Qualifications*

Two years of journey level engine mechanical maintenance and repair experience; **OR**, two years of experience as an Equipment Service Worker II with the City of Fresno. Completion of an approved engine repair apprenticeship program may be substituted for one year of the required experience.

**- OR -**

A Light Equipment Mechanic I may be promoted to Light Equipment Mechanic II upon the recommendation of the appointing authority after one year of experience and possession at time of promotion of valid certification by the National Institute for Automotive Service Excellence (ASE) in the following automobile service areas: Engine Repair, Brakes, Electrical Systems, Suspension and Steering, Heating and Air Conditioning, and Engine Performance.

*Special Requirement*

Possession of a valid Class C California Driver's License will be required.

APPROVED: \_\_\_\_\_  
Director

DATE: \_\_\_\_\_